

AMENDMENT

IN THE CLAIMS

Please amend claim 1 as follows:

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1. (currently amended) A high-pressure gas discharge lamp (1) comprising:  
a quartz glass lamp vessel (2) which is closed in a gastight manner, with a  
space (4) which is enclosed by a wall (3) and in which a pair of electrodes (5) is  
arranged;

an outer surface (15) of said wall (3) extending between the pair of electrodes

(5); and

a filling provided in the space (4) and comprising a rare gas, a mercury buffer  
gas and halides of tin and indium,

characterized in that the wall (3) has a wall load of at least  $30 \text{ W/cm}^2$  at its  
outer surface, and in that the filling further consists essentially of ~~comprises~~ an alkali  
metal halide with at least one alkali ion and at least one halide ion, said alkali ion  
being chosen from the group formed by potassium, rubidium, and cesium, and the  
halide ion being chosen from the group formed by chlorine, bromine, and iodine.

2. (original) A high-pressure gas discharge lamp as claimed in claim 1,  
characterized in that the lamp (1) has a discharge arc (12) with a length of at most  
10mm.

3. (previously amended) A high-pressure gas discharge lamp as claimed in  
claim 1, characterized in that the alkali ion is potassium.

4. (previously amended) A high-pressure gas discharge lamp as claimed in  
claim 1, characterized in that the halide ion is bromine.

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5. (previously amended) A high-pressure gas discharge lamp as claimed in claim 1, characterized in that the high-pressure gas discharge lamp (1) comprises a reflector (9) in which the lamp vessel (2) is fixed.

6. (previously amended) A high-pressure gas discharge lamp as claimed in claim 1, characterized in that the high-pressure gas discharge lamp (1) is a DC lamp.

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